

# FAO World Reference Laboratory for Foot-and-Mouth Disease (WRLFMD)

## Detection And Serotyping Report

Report date for this batch: 31-Mar-2015

FMDV type: A, O, ASIA-1

Country: PAKISTAN

Year: 2015

Number of samples: 32

WRL BATCH: WRLFMD/2015/00002



A UKAS accredited testing laboratory No. 4025

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*FMD Detection And Serotyping Results*

WRL Batch: WRLFMD/2015/00002

Batch: IAHB/2015/00083

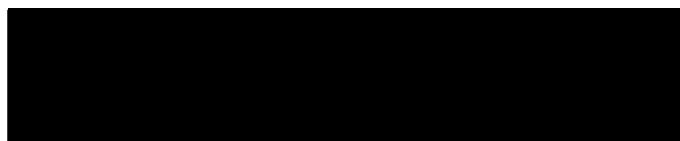
## FMD Detection And Serotyping Results Report

THE PIRBRIGHT INSTITUTE

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Lab Reference WRL Batch Number: WRLFMD/2015/00002

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Date Received: 24/02/2015 Country Of Origin: PAKISTAN

Date Tests Completed 30/03/2015

| Your Reference | WRL Reference | Description of Sample                        | PCR Result | Serotyping Result by Cell Culture/ELISA |
|----------------|---------------|--|------------|---|
| PK19           | PAK 26/2014   | CATTLE, epithelium, Collected<br>18/01/2014  | FMDV<br>GD | ASIA-1                                  |
| pk32           | PAK 27/2014   | CATTLE, fluid, Collected<br>25/01/2014       | FMDV<br>GD | O                                       |
| pk26           | PAK 28/2014   | CATTLE, fluid, Collected<br>30/01/2014       | FMDV<br>GD | A                                       |
| PK08           | PAK 29/2014   | BUFFALO, epithelium, Collected<br>28/02/2014 | FMDV<br>GD | O                                       |
| PK01           | PAK 30/2014   | CATTLE, epithelium, Collected<br>02/04/2014  | FMDV<br>GD | O                                       |
| PK03           | PAK 31/2014   | BUFFALO, epithelium, Collected<br>06/05/2014 | FMDV<br>GD | O                                       |
| PK02           | PAK 32/2014   | CATTLE, epithelium, Collected<br>15/05/2014  | FMDV<br>GD | A                                       |
| PK17           | PAK 33/2014   | CATTLE, epithelium, Collected<br>22/10/2014  | FMDV<br>GD | A, O                                    |
| PK18           | PAK 34/2014   | CATTLE, epithelium, Collected<br>01/11/2014  | FMDV<br>GD | O                                       |
| PK05           | PAK 35/2014   | BUFFALO, epithelium, Collected<br>08/11/2014 | FMDV<br>GD | ASIA-1                                  |

NVD - No Virus Detected FMDV GD - FMDV Genome Detected NGD - No Genome Detected

SOPs - WRL 026 (PCR), WRL 002 (Cell Culture), WRL 006 (ELISA)

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| Your Reference | WRL Reference | Description of Sample                        | PCR Result | Serotyping Result by Cell Culture/ELISA |
|----------------|---------------|--|------------|---|
| PK11           | PAK 36/2014   | BUFFALO, epithelium, Collected<br>16/11/2014 | FMDV<br>GD | O                                       |
| PK31           | PAK 37/2014   | CATTLE, fluid, Collected<br>17/11/2014       | FMDV<br>GD | ASIA-1                                  |
| PK04           | PAK 38/2014   | CATTLE, epithelium, Collected<br>28/11/2014  | FMDV<br>GD | A                                       |
| PK21           | PAK 39/2014   | CATTLE, epithelium, Collected<br>02/12/2014  | FMDV<br>GD | ASIA-1, O                               |
| PK14           | PAK 40/2014   | BUFFALO, epithelium, Collected<br>05/12/2014 | FMDV<br>GD | O                                       |
| PK20           | PAK 41/2014   | CATTLE, epithelium, Collected<br>05/12/2014  | FMDV<br>GD | A, O                                    |
| PK24           | PAK 42/2014   | BUFFALO, epithelium, Collected<br>15/12/2014 | FMDV<br>GD | A                                       |
| PK30           | PAK 43/2014   | CATTLE, fluid, Collected<br>20/12/2014       | FMDV<br>GD | A                                       |
| PK12           | PAK 44/2014   | BUFFALO, epithelium, Collected<br>22/12/2014 | FMDV<br>GD | O                                       |
| PK06           | PAK 45/2014   | CATTLE, epithelium, Collected<br>29/12/2014  | FMDV<br>GD | O                                       |
| PK22           | PAK 46/2014   | BUFFALO, epithelium, Collected<br>30/12/2014 | FMDV<br>GD | ASIA-1                                  |
| PK15           | PAK 1/2015    | BUFFALO, epithelium, Collected<br>09/01/2015 | FMDV<br>GD | ASIA-1                                  |
| PK07           | PAK 2/2015    | CATTLE, epithelium, Collected<br>11/01/2015  | FMDV<br>GD | O                                       |

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| Your Reference | WRL Reference | Description of Sample                    | PCR Result | Serotyping Result by Cell Culture/ELISA |
|----------------|---------------|--|------------|---|
| PK16           | PAK 3/2015    | CATTLE, epithelium, Collected 15/01/2015 | FMDV<br>GD | A                                       |
| PK29           | PAK 4/2015    | CATTLE, fluid, Collected 18/01/2015      | FMDV<br>GD | NVD                                     |
| PK23           | PAK 5/2015    | CATTLE, epithelium, Collected 26/01/2015 | FMDV<br>GD | O                                       |
| PK27           | PAK 6/2015    | BUFFALO, fluid, Collected 26/01/2015     | FMDV<br>GD | NVD                                     |
| PK09           | PAK 7/2015    | CATTLE, epithelium, Collected 28/01/2015 | FMDV<br>GD | A, O                                    |
| PK10           | PAK 8/2015    | CATTLE, epithelium, Collected 29/01/2015 | FMDV<br>GD | O                                       |
| PK13           | PAK 9/2015    | CATTLE, epithelium, Collected 30/01/2015 | FMDV<br>GD | A                                       |
| PK25           | PAK 10/2015   | CATTLE, fluid, Collected 02/02/2015      | FMDV<br>GD | A                                       |
| PK28           | PAK 11/2015   | CATTLE, fluid, Collected 09/02/2015      | FMDV<br>GD | O                                       |

Please note that the final results for samples PAK 28/2014, PAK 33/2014 and PAK 39/2014 were confirmed using our integrin/mAb ELISA test. While this is not a ISO/IEC 17025 accredited test in our laboratory, it has been extensively validated.

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